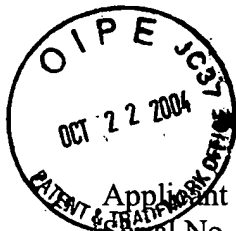


1743
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Betty Wu et al.

Art Unit : 1743

Serial No. : 10/014,519

Examiner : Brian J. Sines

Filed : December 14, 2001

Title : METHODS AND SYSTEMS FOR RELEASING INTRACELLULAR
MATERIAL FROM CELLS WITHIN MICROFLUIDIC SAMPLES OF FLUIDS

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

October 20, 2004

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October 20, 2004
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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 16924-029001	Application No. 10/014,519
	Applicant Betty Wu et al.		
	Filing Date December 14, 2001	Group Art Unit 1743	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AA	Jörg P. Kutter et al., Solid Phase Extraction on Microfluidic Devices, <i>J. Microcolumn Separations</i> , 2000 12(2), pgs. 93-97.
	AB	Richard D. Oleschuk et al., Trapping of Bead-Based Reagents within Microfluidic Systems: On-Chip Solid-Phase Extraction and Electrochromatography, <i>Anal. Chem.</i> 2000, 72, pgs. 585-590.
	AC	M. Sofi Ibrahim et al., Real-Time Microchip PCR for Detecting Single-Base Differences in Viral and Human DNA, <i>Anal. Chem.</i> 1998, 70, pgs. 2013-2017.
	AD	Martin U. Kopp et al., Chemical Amplification: Continuous-Flow PCR on a Chip, <i>SCIENCE</i> , www.sciencemag.org , Vol. 280, 15 May 1998, pgs. 1046-1048.
	AE	M. Allen Northrup et al., A Miniature Analytical Instrument for Nucleic Acids Based on Micromachined Silicon Reaction Chambers, <i>Analytical Chemistry</i> , Vol. 70, No. 5, March 1, 1998, pgs. 918-922.
	AF	Philip L. Ross et al., Analysis of DNA Fragments from Conventional and Microfabricated PCR Devices Using Delayed Extraction MALDI-TOF Mass Spectrometry, <i>Anal. Chem.</i> 1998, 70, pgs. 2067-2073.
	AG	Larry C. Waters et al., Microchip Device for Cell Lysis, Multiplex PCR Amplification, and Electrophoretic Sizing, <i>Anal. Chem.</i> 1998, 70, pgs. 158-162.
	AH	E.T. Lagally et al., Single-Molecule DNA Amplification and Analysis in an Integrated Microfluidic Device, <i>Anal. Chem.</i> 2001, 73, pgs. 565-570.
	AI	Julia Khandurina et al., Microfabricated Porous Membrane Structure for Sample Concentration and Electrophoretic Analysis, <i>Anal. Chem.</i> 1999, 71, pgs. 1815-1819.
	AJ	Bing He et al., Microfabricated Filters for Microfluidic Analytical Systems, <i>Anal. Chem.</i> 1999, 71, pgs. 1464-1468.
	AK	James P. Brody et al., Diffusion-based extraction in a microfabricated device, <i>Sensors and Actuators</i> , Vol. A58, No. 1, January 1997, pgs. 13-18.
	AL	Bernhard H. Weigl et al., Microfluidic Diffusion-Based Separation and Detection, <i>SCIENCE</i> , www.sciencemag.org , 15 January 1999, Vol. 283, pgs. 346-347.
	AM	B. Scott Broyles et al., "Sample Filtration, Concentration, and Separation Integrated on Microfluidic Devices", <i>Anal. Chem.</i> , Vol. 75:11, pp. 2761-2767 (2003)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	